



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/540,386	06/23/2005	Yoshimochi Kurokawa	3749-0105PUS1	3319
2292	7590	01/11/2007		
BIRCH STEWART KOLASCH & BIRCH PO BOX 747 FALLS CHURCH, VA 22040-0747			EXAMINER GETZOW, SCOTT M	
			ART UNIT	PAPER NUMBER
			3762	
SHORTENED STATUTORY PERIOD OF RESPONSE		NOTIFICATION DATE	DELIVERY MODE	
3 MONTHS		01/11/2007	ELECTRONIC	

**Please find below and/or attached an Office communication concerning this application or proceeding.**

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

Notice of this Office communication was sent electronically on the above-indicated "Notification Date" and has a shortened statutory period for reply of 3 MONTHS from 01/11/2007.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

mailroom@bskb.com



*Claim Rejections - 35 USC § 102*

1. Claims 1,2,5 are rejected under 35 U.S.C. 102(e) as being anticipated by Boveja (6879859).

Boveja is considered to teach all of the structure of the above claims. The 'wherein clause' added by amendment only inferentially sets forth the ability of the pulse generator to produce the pulse of 300 ms or more. That is, such ability is not positively claimed, and therefore the '859 patent anticipates the structure set forth in the claims. Also, the subject matter of claims 2 and 5 are considered to be intended use, not structural limitations.

*Claim Rejections - 35 USC § 103*

2. Claim 6 is rejected under 35 U.S.C. 103(a) as being unpatentable over Boveja in view of Firlik et al (7010351).

Firlik teaches using a ferrite cores in internal and external coils, see figure 13. It would have been obvious to use such a core with the device of Boveja since such would improve the coupling efficiency, as is known in the art.

3. Claims 1,2,5 are rejected under 35 U.S.C. 103(a) as being unpatentable over Loeb et al (2002/0123774) in view of Boveja.

It would have been obvious to combine Boveja and Loeb for reasons mentioned in the previous office action, and in light of the remarks above.

Art Unit: 3762

4. Claim 6 rejected under 35 U.S.C. 103(a) as being unpatentable over Loeb and Boveja and further in view of Firlik et al.

It would have been obvious to use the ferrite cores of Firlik for reasons mentioned supra.

*Allowable Subject Matter*

5. Claims 3,4 are allowed.
6. THIS ACTION IS MADE FINAL. Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Scott M. Getzow whose telephone number is (571) 272-4946. The examiner can normally be reached on M-F, 9-5.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Angela Sykes can be reached on (571) 272-4955. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 3762

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.



Scott M. Getzow  
Primary Examiner  
Art Unit 3762

SMG